

ABSTRACT

5 **APPARATUS AND METHOD FOR COMMUNICATING USER EQUIPMENT
SPECIFIC INFORMATION IN CELLULAR COMMUNICATION SYSTEM**

A cellular communication system comprises a base station
(101) and a plurality of user equipment (103). The base
10 station (101) comprises a combine processor (111) which
combines user equipment specific information, such as power
control commands or synchronisation information, for a
plurality of user equipment (103). An encode processor 113
encodes the combined user equipment specific information and
15 a transceiver 109 transmits the combined user equipment
specific information in a minimum transmission resource unit
of the cellular communication system. The minimum
transmission resource unit may be a single channelisation
code in a single time slot. The UE (103) comprises a
20 receiver (115) for receiving the minimum transmission
resource unit and a UE data processor (117) which decodes
the minimum transmission resource unit and extracts the user
equipment specific information for that UE (103). The
invention may provide a more efficient communication of
25 small data blocks.

FIG. 1 to accompany the abstract.